Executive Director Report
May 3, 2007

News of Note:
- NIC held its annual shareholder meeting on May 1, 2007. The proceedings were webcast.
- Iowa launches first statewide electronic recording portal. Every county in Iowa able to receive, validate and record electronic real estate documents without paper (See article)
- Google to partner with four states to provide access to public information (See article)
- Phase change memory storage devices being tested (See article)

ITEC:
Executive council comprised of private and public representatives charged with the adoption of IT policies for the state enterprise (All Branches)
Next scheduled meeting: May 24th

ITAB:
State IT representatives who meet monthly to discuss ongoing upcoming and current status of issues facing the state IT enterprise.
Next scheduled meeting: May 15th

IT Security Council:
Policies under review/creation:
Kansas Incident Response Policy
- ITEC Policy 7500 – Wireless LAN

PKI Workgroup:
- Questions for Risk Assessment Module for Three Year IT Plan agencies must complete
- Risk Assessment: Questions regarding application development to assist in the determination of PKI requirement. Looking to incorporate into the state's Project Management Methodology process to institutionalize the procedure
- Consideration is being given to holding a PKI seminar this November
- Subcommittees working:
    o PKI Web: Marketing/Education portal, link to state policy information
    o Policy (Legal Beagles): Looking at potential policy changes to align with Feds and future expansion of PKI
    o Local Hosting: Investigating costs of hosting renewal/application pages of the PKI enrollment process to provide a more Kansas look and feel and provide incorporation of the KanPay Express module to allow online payments
    o Pricing: Together with the Local Hosting group determining if pricing adjustments will be required to support local hosting option.

TRCC:
- Transportation Records Coordinating Council
    o Initial conversation held to discuss XML and Web Services transfer of information to, from and between government entities
- Introduction of the concept of Enterprise Service Bus
    o Huge undertaking, will require multiple agency support, cooperation and understanding

Topeka IT Leadership Forum:

- Recent discussions surrounding the changing curriculum at Washburn University
- Computer Science students on the decline
- Many other science fields including Comp Sci as part of the core requirements
- Has correlations with work being performed by Stan and the Kansas Inc group

Grants:

Digital Signature Project:
- Total Expended: $5,070
- Remaining Grant Balance: $4,930
- Grant End Date: Ongoing
- Status: Expenditure performed for payment of two year PKI renewal contract with Verisign

Board of Tax Appeals Database:
- Total Expended: $10,080
- Remaining grant balance: $314,920
- Grant End Date: July 2007
- Status:
    o RFI created and completed
    o RFP completed and under review, vendor selection to follow
    o Consultant believes still will be completed in time

Kansas GIS Phase I: A Systemic Answer
- Total Expended: $10,000
- Remaining Grant Balance: $0
- Status: Complete

Kansas GIS Phase II: A Systemic Answer
- Total Expended: $95,000
- Remaining grant balance: $5,000
- Grant End Date: July 2007
- Status: Virtually complete, have requested presentation from group for August/Sept timeframe

Kansas Historical Society: Kansas Memory
- Total Expended: $48,715.02
- Remaining Grant Balance: $41,814.98
- Grant End Date: December 2007
- Status: Requested and was granted end date extension due to primary programmer taking new position outside agency. Have acquired new programmer and project underway. Expect to be completed prior to deadline.

Kansas Indicators for the Kansas Economy (IKE)
- Total Expended: $46,268.66
- Remaining Grant Balance: $13,731.34
- Grant End Date: July 2007
- Status: Prototype complete. Attempting to acquire funding for finishing development and ongoing software maintenance costs. May approach board for completion funding.

KDOR Vehicle Information Processing System (VIPS) Feasibility Study
- Total Expended: 196,700
- Remaining Balance: $77,500
- Grant End Date: July 2007

- Status: Feasibility Study draft complete and under review for further requirements. Expect to be complete by end date.

KDOR KAIR Feasibility Study
- Total Expended: $266,000
- Remaining Balance: $0
- Grant End Date: December 2006
- Status: Complete

Dept of Administration, Division of Purchases: e-Procurement
- Total Expended: $90,000
- Remaining Balance: $0
- Grant End Date: December 2006
- Status: Complete

Kansas Public Television Stations (KPTS) Statehouse Spotlight
- Total Expended: $60,828.38
- Remaining Grant Balance: $59,921.63
- Grant End Date: July 2007
- Status: Continuing with equipment build-out, have communicated board's wishes concerning advertising. Will be receiving agreement detailing advertising partnership. Expect to be complete by end date.

Kansas Business Center
- Total Expended: $0
- Remaining Balance: $13,355.50
- Grant End Date: Ongoing
- Status: Funds restricted for use for expansion and deployment of Kansas Business Center Project

Total Expended: $ 828,662.06
Total Grant Amounts Outstanding as of May 1: $ 484,428.47

Hollingsworth, Jim [INK]

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Iowa Counties Launch First Statewide Electronic Recording Portal

"Now, every county in Iowa will be able to receive, validate and record electronic real estate documents without ever touching a piece of paper." News Release Mar 30, 2007

Iowa Land Records (CLRIS), a county land records information system operated by the Iowa County Recorders Association, announced the successful integration of the Ingeo Electronic Document Recording System with the statewide portal that will enable submission of electronic real estate documents in all Iowa counties.

Joyce Jensen, president of the Iowa County Recorders Association, and chair of the committee that oversees the Iowa Land Records system, explained that this one system provides total integration with all 99 of Iowa's counties. "As anyone in the real estate industry knows, county recording systems and practices may vary significantly. Developing the Iowa Land Records Portal and electronic submission service enabled significant progress in the adoption of standards that allow all the counties to work together," she said. "Now, every county in Iowa will be able to receive, validate and record electronic real estate documents without ever touching a piece of paper. Iowa County Recorders own the software and equipment used to operate the system, and that made it possible for all the recorders and their local service providers to make this happen."

Now all of Iowa's counties can electronically receive lien releases and assignments from national, regional and local submitters. With Ingeo's Electronic Document Recording System, Iowa's County Recorders have access to a majority of the national submitters including six of the top 10 and most of the top 30 lending institutions in the U.S. This is in addition to regional submitters in counties where Ingeo has already enabled electronic recording. "We're looking forward to phase two of the project," Klessig said. "This will expand the capabilities to allow counties to receive mortgage closing documents electronically."

The portal integrates with the local county land records management systems to enable the recording of documents submitted electronically. Phil Dunshee, Project Manager and Administrator for the Iowa Land Records system, and Jared Baker, Project Manager for ABC Virtual Communications, which hosts and operates the portal, agree that the statewide portal model makes sense for the future of electronic recording. "With a statewide portal, submitters have a single entry point to electronically submit documents in every county within the state," said Dunshee. The Iowa Land Records system provides the bridge between county systems and document submitters including Ingeo and their customers. The Iowa Land Records system and the integration tools used to connect with Ingeo are based on standards being developed by the Property Records Industry Association
(PRIA) and the Mortgage Industry Standards Maintenance Organization (MISMO).

Ingeo's Electronic Document Recording System is composed of two parts: Ingeo ePrepareR for submitters and Ingeo eRecordR for county recorders.
With Ingeo ePrepare, digital documents are prepared using standardized XML data, embedding digital and digitized signatures and notaries, and attaching electronic payment advices. Documents that originate on paper, such as loan closing documents, are scanned into ePrepare and placed into their proper recording order. ePrepare integrates with leading loan servicing, title, escrow, document management and recording applications.

eRecord receives the documents and, after an examination and validation review, processes each document according to established business rules in each recording office. Endorsement and receipt information is electronically embedded into the document, along with the recorder's digital signature, and is returned to the submitter electronically as an officially recorded document. Using configurable business rules, eRecord adapts to different recording requirements, fee structures and state legislation required within various recording jurisdictions. Ingeo is the only provider to offer a service with complete end-to-end capability that can adapt to virtually any submitter's system output and provide fully automated signing, notarization, delivery, recording, payment and return in conjunction with existing county recording systems.

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Googling state government documents

By Elinor Mills
http://news.com.com/Googling+state+government+documents/2100-1038_3-6180002.html

Story last modified Mon Apr 30 06:04:45 PDT 2007

Google is set to announce Monday that it is working with officials in four U.S. states to make sure all the public information they have online is easily accessible through the company's search engine.

As part of a voluntary public-private sector partnership, Google has been helping technology managers in Arizona, California, Utah and Virginia remove technical barriers that prevent the search giant from adding information to its index. Some state government documents are hidden behind design elements of the Web site or, more commonly, in a database that a search engine's crawlers can't access, said J.L. Needham, manager of public sector content partnerships at Google.

Thus, job seekers in Utah can now search on Google to find job postings provided by the state's Department of Workforce Services. Virginia students interested in the state's colonial history can now use Google to access information at the Library of Virginia state archives. In Arizona, home buyers can find information about licensed agents through the Department of Real Estate.

"We've opened up specific 'long tail'-type of documents on these state agency Web sites that up until now were not visible, but are now flowing into Google in the hundreds of thousands," Needham said. "We're creating a back door so we can copy all the pages and make the URLs part of our index so a user can find the result, click a link and be in that database."

Google also is working with officials in Utah and Virginia to help create Custom Search Engines for those government Web sites. Google takes a subset of its index related to specific "vertical" searches or specific types of content. Google hosts the search. Custom Search Engines allow people to sort for information by codes and regulation or multimedia, Needham said. For example, someone could search for information about a specific geographic region through a Custom Search Engine on Utah's Web site and find data from all levels of government, he said.

Most state governments need all the help they can get when it comes to the Internet, said Darryl West, a political science professor at Brown University, director of the Taubman Center for Public Policy and author of *Digital Government.*

"There is a wide variation in (state) Web sites," he said. "Some states need to come into the 21st century."

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Intel moves closer to flash memory replacement

By Michael Kanellos
http://news.com.com/Intel+moves+closer+to+flash+memory+replacement/2100-1006_3-6176959.html

Story last modified Wed Apr 18 08:34:26 PDT 2007

Intel demonstrated on Tuesday a memory chip based on a concept it has been tinkering with for nearly 30 years.

Code-named Alverston, the chip is a phase change memory device. Intel CTO Justin Rattner demonstrated a 128-bit sample of Alverstone at the Intel Developer Forum in Beijing and will start sending samples to customers in the first half of this year. Intel is working on the project with ST Microelectronics.

The material is similar to the material that makes up CD-ROM discs. A chip is divided up into tiny bits. When heated, the material inside a single bit turns crystalline. A light can then be shone on the bit, and the reflected image is registered as a "1" in the binary system of computers.

When reheated and cooled, the same bit becomes amorphous and becomes a "0." The amorphous "0" and crystalline "1" bits store data.

Phase-change memory is seen as a replacement for flash memory--used in cameras and phones--but it could also factor in the type of memory inserted into computers. Although manufacturers have been shrinking the size of flash memory chips rapidly and steadily over the past several years, the inherent properties and structure of flash have led many to believe that progress will begin to slow in the coming decade.

Manufacturers have been scrambling to craft alternatives out of such technologies as nanocrystals, magnetic memory and spintronics. In the past two years, many companies--Philips, Samsung and IBM (once a stronger proponent of magnetic memory)--have published research papers touting achievements with phase change, a slight indication that the technology was emerging as the leader among possible successors.

But the flirtation with phase change isn't exactly new. Intel co-founder Gordon Moore talked up the potential for Ovonics memory, a variant of phase change memory, in an article for *Electronics* magazine. The article came out in September 1970. (The magazine also contained an article titled "The big gamble in home video recorders.")

Phase change memory consumes little power, lasts far longer than conventional memory, and can hold large amounts of data in a small space. The bits also can't flip or get corrupted easily. The real challenge has come in manufacturing and reliability. Switching a bit from crystalline to amorphous requires pulsing it with an electronic charge or heating it up rapidly to 600 degrees Celsius without flipping the neighboring bits.

Intel has discussed Ovonics for years. In 2001, the company touted it as a possible flash replacement. At the time, analysts predicted it could hit the market by 2003.

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